AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) Single-lip drill with a drill head on which is formed a bit, the latter being provided with at least one cutting edge for the machining by cutting of a workpiece and with the cutting edge is associated at least one chip former for shaping the chips cut off by the cutting edge, ~~characterized in that~~ wherein the chip former ~~(21)~~ has a positive rake angle (γ).

2. (Currently amended) Single-lip drill according to claim 1, ~~characterized in that~~ wherein the rake angle (γ) is between 10 and 30ø, particularly between 15 and 25ø.

3. (Currently amended) Single-lip drill according to claim 1 ~~or 2~~, ~~characterized in that~~ wherein the chip former ~~(21)~~ has a chip guide face ~~(26)~~ for guiding the chips ~~(22)~~ and at least one chip break section ~~(27)~~ for breaking the chips ~~(22)~~.

4. (Currently amended) Single-lip drill according to claim 2 ~~or 3~~, ~~characterized in that~~ wherein the chip break section ~~(27)~~ is positioned at a distance from the cutting edge ~~(19)~~ suitable for setting a desired chip size.

5. (Currently amended) Single-lip drill according to claim 4, ~~characterized in that~~ wherein the distance is between 0.2 and 1.5 mm, particularly between 0.3 and 0.6 mm.

6. (Currently amended) Single-lip drill according to ~~one of the preceding~~ claim[[s]] 1, ~~characterized in that~~ wherein the chip former ~~(21)~~ is constructed as a slot adjacent to the cutting edge ~~(19)~~ and in particular as a slot with a substantially U-shaped cross-section.

7. (Currently amended) Single-lip drill according to ~~one of the preceding~~ claim[[s]] 1, ~~characterized in that~~ wherein a functional coating ~~(29)~~, preferably for increasing wear resistance, is provided on at least one functional surface of the single-lip drill ~~(29)~~.

8. (Currently amended) Single-lip drill according to claim 7, ~~characterized in that~~ wherein at least the chip former ~~(21)~~ and/or at least one clearance ~~(20)~~ is provided with the functional coating ~~(29)~~.

9. (Currently amended) Single-lip drill according to ~~one of the~~ claim 7 ~~or 8~~, ~~characterized in that~~ wherein the functional coating ~~(29)~~ is provided on all the functional surfaces participating in the cutting process.

10. (Currently amended) Single-lip drill according to ~~one of the~~ claim[[s]] 7 ~~to~~ ~~9~~, ~~characterized in that~~ wherein the functional coating ~~(29)~~ is at least partly made from hard material, particularly metallic hard material.

11. (Currently amended) Single-lip drill according to claim 10, ~~characterized in that~~ wherein a nitride or carbide, particularly a light metal nitride is provided as the metallic hard material.

12. (Currently amended) Single-lip drill according to claim 11, ~~characterized in that~~ wherein titanium aluminium nitride is provided as the light metal nitride.

13. (Currently amended) Single-lip drill according to ~~one of the~~ claim[[s]] 7 ~~to 12~~, ~~characterized in that~~ wherein the functional coating ~~(29)~~ has several layers ~~(29a, 29b)~~.

14. (Currently amended) Single-lip drill according to claim 13, ~~characterized in that~~ wherein at least one hard material layer ~~(29a)~~ and at least one soft material layer ~~(29b)~~ adjacent to the hard material layer is provided, the hard material layer ~~(29a)~~ forming an outer layer.

15. (Currently amended) Method for the manufacture of a single-lip drill, ~~particularly a single-lip drill according to one of the preceding claims,~~ the method comprising the following steps:

- manufacturing a drill head with a single-lip drill geometry,
- applying a chip former in the vicinity of a bit of the single-lip drill,
- coating at least part of the surface of the drill head with a functional coating.

16. (Currently amended) Method according to claim 15, ~~characterized in that~~ wherein the functional coating is applied following a resharpening, particularly a regrinding of the drill head.

17. (Currently amended) Method according to claim 15 ~~or 16~~, ~~characterized in that~~ wherein at least the chip former is coated.

18. (Currently amended) Method according to ~~one of the~~ claim[[s]] 15 ~~to 17~~, ~~characterized in that~~ wherein all the surfaces participating in the cutting process are coated.

19. (Currently amended) Method according to ~~one of the~~ claim[[s]] 15 ~~to 18~~, ~~characterized in that~~ wherein a chip former with a positive rake angle is formed.

20. (Currently amended) Method according to ~~one of the~~ claim[[s]] 15 ~~to 19~~, ~~characterized in that~~ wherein the chip former is constructed as a slot adjacent to the cutting edge of the bit and in particular with a U-shaped cross-section.